



Virginia Healthcare Workforce Briefs

Indicators from the Bureau of Labor Statistics'
Current Employment Statistics Survey
Series 2: Regional & Sectoral Employment

Series 2, Issue 116

November 2021

Inside this Brief:

Regional Employment	2
Regional Employment Growth	3
Subsector Employment	3
Subsector Employment Growth	4
Region Map	5
About the Data	6

Highlights

- ◆ Data in this series are not seasonally adjusted and exhibit short-term volatility from fluctuations in holidays, weekends, weather and other seasonal factors. Estimates for the most recent month are preliminary.
- ◆ Hampton Roads enjoyed its largest Health Care & Social Assistance (HC&SA) employment gain in more than one year after creating 2,500 new HC&SA jobs in October, a gain that represents an impressive 39.6% annualized growth rate. The Rest of Virginia and Richmond also enjoyed strong HC&SA employment growth with the creation of 1,400 and 800 HC&SA jobs, respectively, during the month. On the other hand, Northern Virginia's HC&SA sector lost 300 jobs in October.
- ◆ Ambulatory Health Care Services produced 2,500 new jobs in October, a gain that translates into a 16.5% annualized growth rate. Social Assistance enjoyed even faster job growth during the month. This HC&SA subsector created 1,900 new jobs in October, which represents a one-month annualized growth rate of 33.6%. At the same time, Nursing & Residential Care Facilities added 700 jobs in October. However, employment in Hospitals fell by 700 during the month.

Data in this report are not seasonally adjusted. Self-employed persons, including health professionals in private practice, are not included.

Data in Brief

Not Seasonally Adjusted*	Employment, in Thousands				Growth Rate, Annualized		
	Oct. 2020	July 2021	Sept. 2021	Oct. 2021	12 Month	3 Month	1 Month
Virginia							
Total Nonfarm	3,892.8	3,914.0	3,940.8	3,980.8	2.3%	7.0%	12.9%
Health Care & Social Assistance	443.0	443.5	446.9	451.3	1.9%	7.2%	12.5%
Hampton Roads							
Total Nonfarm	764.0	770.9	763.4	766.9	0.4%	-2.1%	5.6%
Health Care & Social Assistance	92.9	90.1	88.7	91.2	-1.8%	5.0%	39.6%
Northern Virginia							
Total Nonfarm	1,456.5	1,470.2	1,492.3	1,510.2	3.7%	11.3%	15.4%
Health Care & Social Assistance	133.6	136.2	139.6	139.3	4.3%	9.4%	-2.5%
Richmond							
Total Nonfarm	652.6	655.0	648.1	653.7	0.2%	-0.8%	10.9%
Health Care & Social Assistance	83.7	83.0	83.7	84.5	1.0%	7.4%	12.1%
Rest of Virginia							
Total Nonfarm	1,019.7	1,017.9	1,037.0	1,050.0	3.0%	13.2%	16.1%
Health Care & Social Assistance	132.8	134.2	134.9	136.3	2.6%	6.4%	13.2%

Preliminary estimates are italicized

*Seasonally adjusted data are adjusted by the Bureau of Labor Statistics to account for weather and other seasonal changes. Since the U.S. Bureau of Labor Statistics does not provide seasonally adjusted data at this level, this series uses **non**-seasonally adjusted data exclusively. Seasonal variation may account for some of the variation in time series data. When comparing data in this series to other HWDC series or other publications it is important to note whether the data reported have been seasonally adjusted.

Regional HC&SA Employment Growth, Level

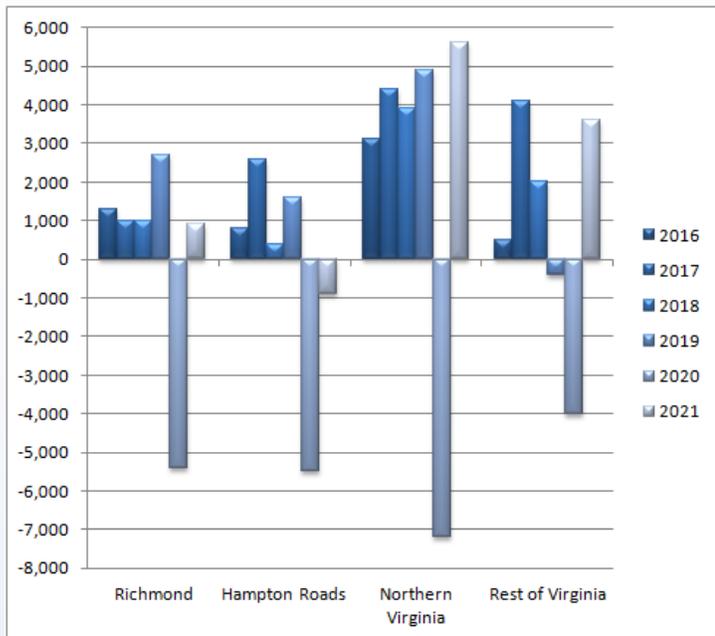


Figure 1: Annual & YTD Change in HC&SA Regional Employment (Not Seasonally Adjusted, Full-Year Change for 2016-2020, Year-to-Date Change for 2021).

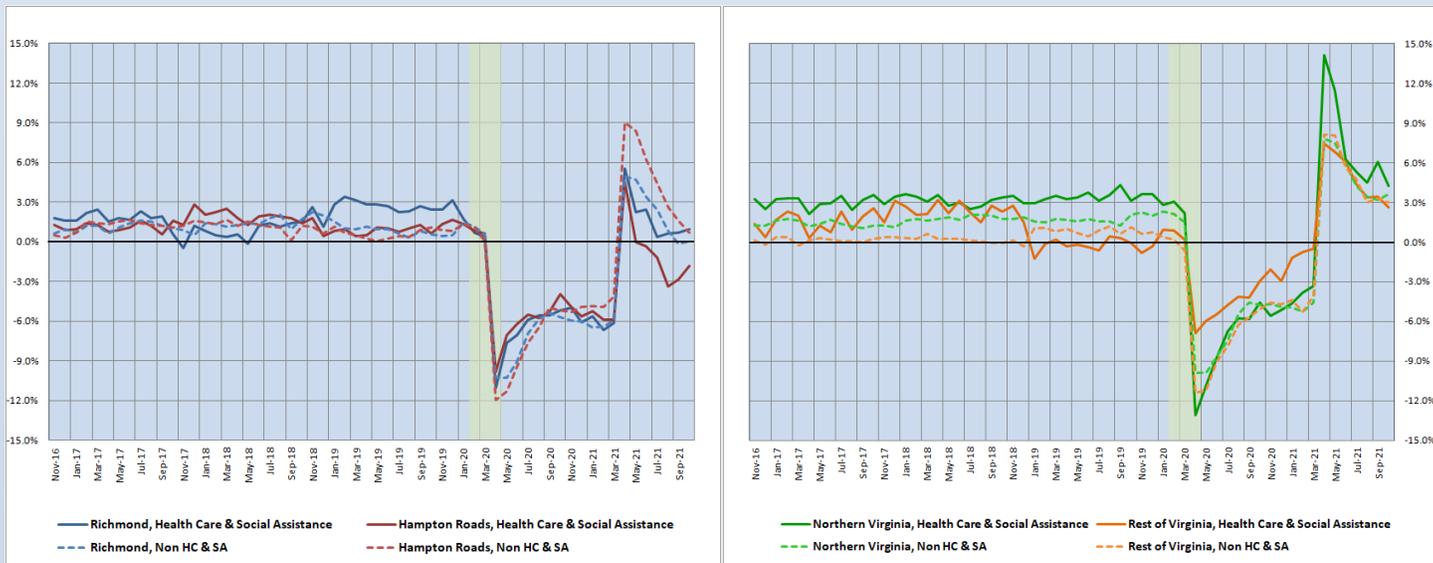
According to the preliminary data released on Friday, November 19, 2021, by the U.S. Department of Labor, Bureau of Labor Statistics, Hampton Roads created 2,500 new Health Care & Social Assistance (HC&SA) jobs in October. This gain translates into a very strong 39.6% annualized employment growth rate. This increase also represents the largest monthly HC&SA employment gain in Hampton Roads since May 2020. Despite this strong job gain in October, long-term HC&SA employment growth in Hampton Roads remains quite weak in comparison to Virginia’s three other regions. In particular, Hampton Roads is the only region in the state that has seen HC&SA employment fall in 2021.

The Rest of Virginia and Richmond also enjoyed solid HC&SA employment growth during the month. The Rest of Virginia produced 1,400 new HC&SA jobs, which translates into a 13.2% annualized growth rate. As for Richmond, its HC&SA sector added 800 new jobs, a gain that represents a 12.1% annualized employment growth rate. However, Northern Virginia lost 300 HC&SA jobs in October.

Year-Over-Year Regional Employment Growth

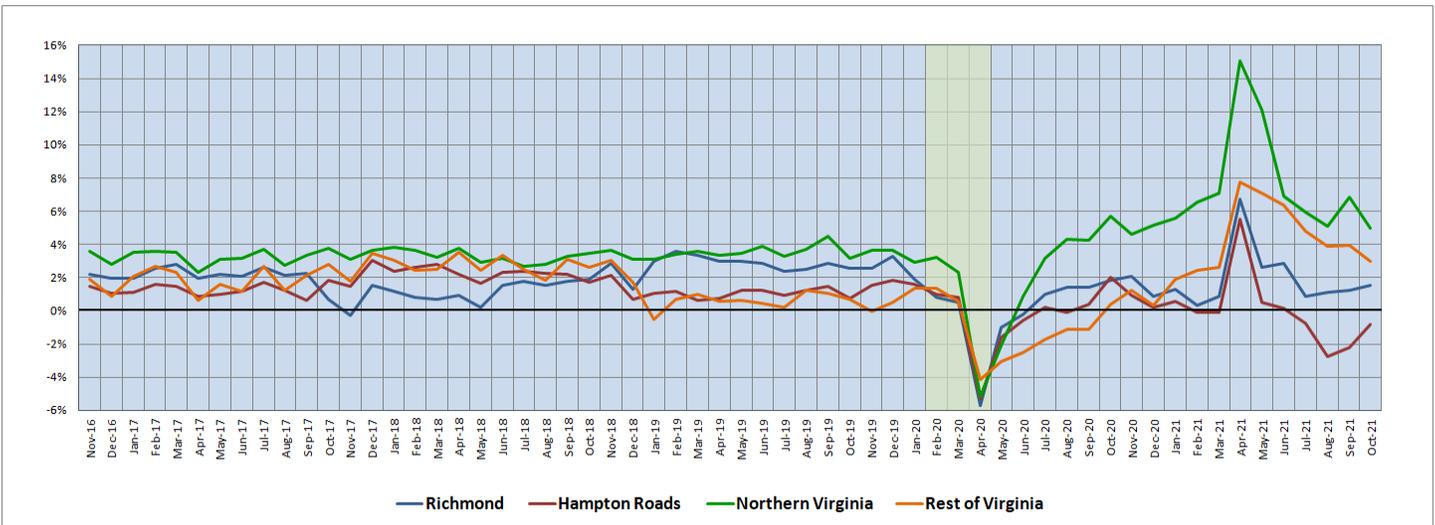
Even with its strong job gain in October, Hampton Roads still has a negative year-over-year HC&SA employment growth rate. Regardless, this growth rate did increase from -2.85% to -1.83% during the month. Richmond also experienced an increase to its year-over-year HC&SA employment growth rate, which rose from 0.72% to 0.96% in October. With this increase, Richmond’s growth rate has reached its highest value since June. Despite creating jobs in October, the Rest of Virginia experienced a decline in its year-over-year HC&SA employment growth rate from 3.45% to 2.64%. As for Northern Virginia’s HC&SA sector, its year-over-year employment growth rate fell from 6.08% to 4.27% during the month.

Figure 2: Year-Over-Year Employment Growth (Not Seasonally Adjusted).



12-Month Average Employment Growth by Region

Figure 3: 12-Month Moving Average, HC&SA Regional Employment Growth Rate (Not Seasonally Adjusted).



After a temporary rebound in September, Northern Virginia’s 12-month HC&SA employment growth rate moving average recommenced its downward trend in October with a decline from 6.84% to 4.97%. With this decline, Northern Virginia’s HC&SA sector has seen its 12-month employment growth rate moving average fall below 5% for the first time since November 2020. The Rest of Virginia also experienced a decline to its 12-month HC&SA employment growth rate moving average, which fell from 3.93% to 2.99% in October. Regardless, these two regions continue to have the highest 12-month HC&SA employment growth rate moving averages in the state. Meanwhile, Richmond and Hampton Roads saw their 12-month HC&SA employment growth rate moving averages increase to 1.51% and -0.84%, respectively, in October.

Subsector Employment Growth

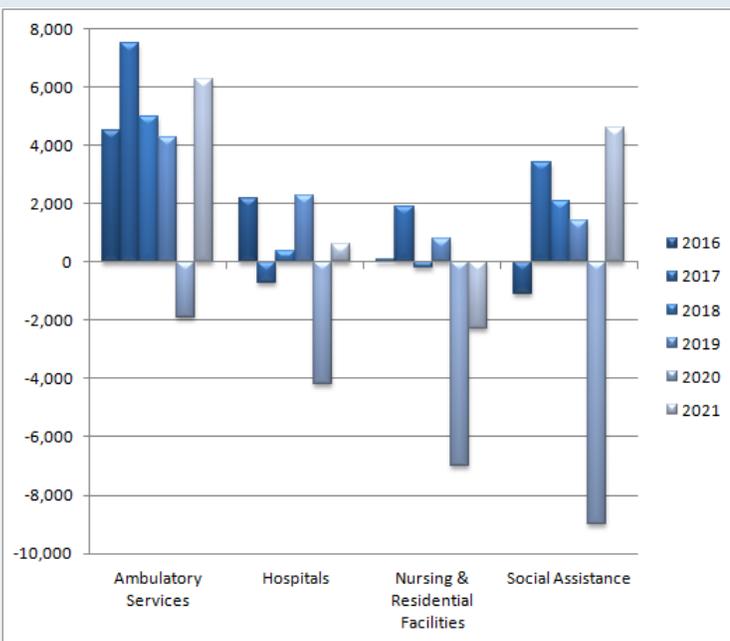


Figure 4: Annual & YTD Change in HC&SA Subsector Employment (Not Seasonally Adjusted, Full-Year Change for 2016-2020, Year-to-Date Change for 2021).

For the second consecutive month, Ambulatory Health Care Services enjoyed very strong employment growth. After creating 3,700 jobs in September, this HC&SA subsector produced an additional 2,500 new jobs in October. With these impressive gains, Ambulatory Health Care Services have rebounded strongly from a period of weakness that took place between May and August, thereby reestablishing the strong job market the characterized the first four months of the year. So far in 2021, Ambulatory Health Care Services have created 6,300 jobs.

Social Assistance is also experiencing a very strong job market at the moment. This HC&SA subsector enjoyed its largest employment gain in 2021 after producing 1,900 new jobs in October. Social Assistance has increased employment in each of the past three months, adding 3,600 jobs to the state’s economy since August. Overall, Social Assistance employment has grown by 4,600 in 2021. Meanwhile, Nursing & Residential Care Facilities created 700 jobs in October, but Hospital lost 700 jobs during the month.

Distribution of Growth by Subsector

Not Seasonally Adjusted	Employment, in Thousands				Growth Rate, Annualized		
	Oct. 2020	July 2021	Sept. 2021	Oct. 2021	12 Month	3 Month	1 Month
Virginia							
Health Care & Social Assistance	443.0	443.5	446.9	<i>451.3</i>	1.9%	7.2%	12.5%
<i>Ambulatory Health Care Services</i>	191.2	191.7	194.9	<i>197.4</i>	3.2%	12.4%	16.5%
<i>Hospitals</i>	104.7	105.3	105.5	<i>104.8</i>	0.1%	-1.9%	-7.7%
<i>Nursing & Residential Care Facilities</i>	72.2	70.5	68.8	<i>69.5</i>	-3.7%	-5.6%	12.9%
<i>Social Assistance</i>	74.9	76.0	77.7	<i>79.6</i>	6.3%	20.3%	33.6%
Hampton Roads							
Health Care & Social Assistance	92.9	90.1	88.7	<i>91.2</i>	-1.8%	5.0%	39.6%
<i>Hospitals</i>	21.4	21.4	21.4	<i>21.5</i>	0.5%	1.9%	5.8%
Northern Virginia							
Health Care & Social Assistance	133.6	136.2	139.6	<i>139.3</i>	4.3%	9.4%	-2.5%
<i>Ambulatory Health Care Services</i>	68.3	69.0	71.2	<i>71.8</i>	5.1%	17.2%	10.6%
<i>Hospitals</i>	26.0	26.2	26.4	<i>26.4</i>	1.5%	3.1%	0.0%

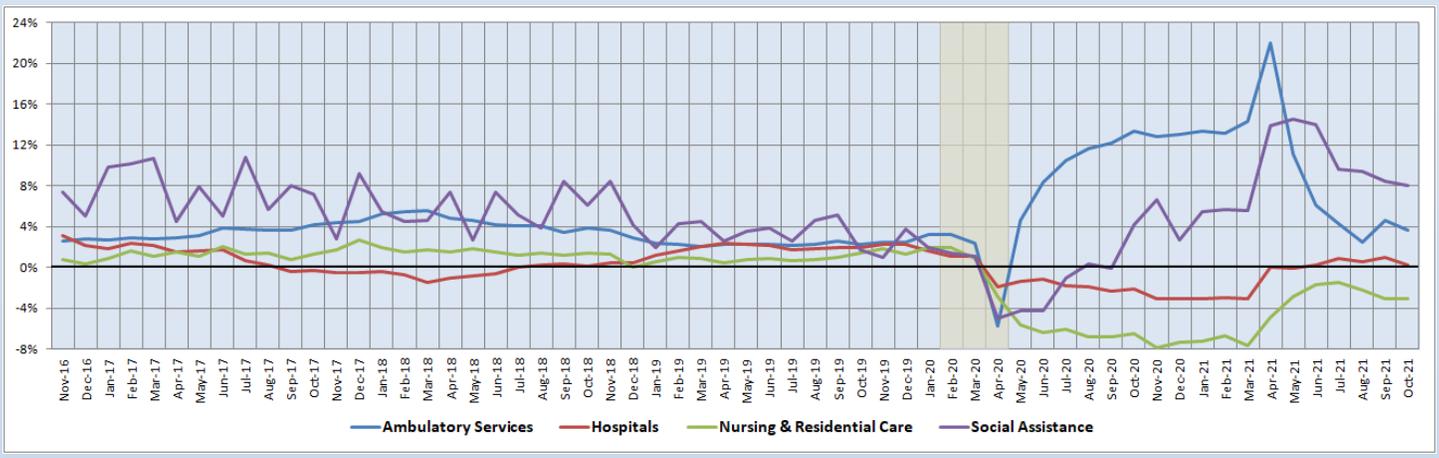
Preliminary estimates are italicized

Social Assistance, Ambulatory Health Care Services, and Nursing & Residential Care Facilities all enjoyed very strong employment growth in October. Employment in Social Assistance grew at a 33.6% annualized rate in October. At the same time, Ambulatory Health Care Services and Nursing & Residential Care Facilities saw employment grow by 16.5% and 12.9%, respectively, on an annualized basis. Meanwhile, nearly all long-term HC&SA employment growth in the state continues to occur in Social Assistance and Ambulatory Health Care Services. Social Assistance has a 12-month employment growth rate of 6.3%, while employment in Ambulatory Health Care Services have grown by 3.2% over the past year.

12-Month Average Employment Growth by Subsector

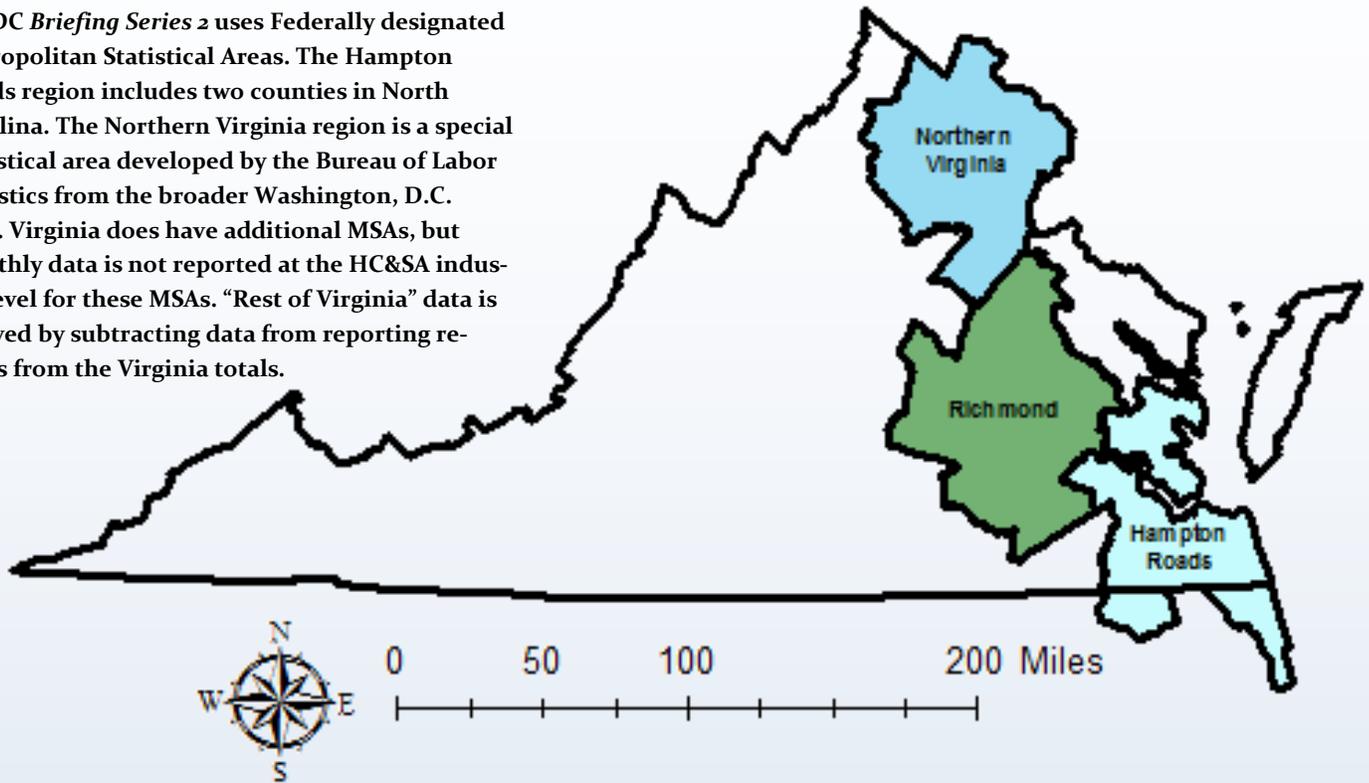
Social Assistance saw its 12-month employment growth rate moving average fall from 8.41% to 8.01% in October. At this level, Social Assistance has seen its moving average fall by 45% since reaching a year-to-date high of 14.56% in May. Meanwhile, Ambulatory Health Care Services saw their own 12-month employment growth rate moving average decline from 4.58% to 3.69%. This represents an even larger decline of 83% from its year-to-date peak of 21.98% in April. Hospitals also experienced a decline to their 12-month employment growth rate moving average from 0.95% to 0.22%, while the comparable moving average for Nursing & Residential Care Facilities inched up slightly from -3.09% to -3.05%.

Figure 5: 12-Month Moving Average, HC&SA Subsector Employment Growth Rate (Not Seasonally Adjusted).



Region Map

HWDC *Briefing Series 2* uses Federally designated Metropolitan Statistical Areas. The Hampton Roads region includes two counties in North Carolina. The Northern Virginia region is a special statistical area developed by the Bureau of Labor Statistics from the broader Washington, D.C. MSA. Virginia does have additional MSAs, but monthly data is not reported at the HC&SA industry level for these MSAs. “Rest of Virginia” data is derived by subtracting data from reporting regions from the Virginia totals.



Region Detail

Northern Virginia		Richmond		Hampton Roads	
<i>Northern VA, (Non-standard CES Area 94783)</i>		<i>Richmond, VA (MSA 40060)</i>		<i>Virginia Beach-Norfolk-Newport News, VA-NC (MSA 47260)</i>	
Counties:	Cities:	Counties:	Cities:	Counties:	Cities:
Arlington	Alexandria	Amelia	Colonial Heights	Gloucester	Chesapeake
Clarke	Fairfax	Caroline	Hopewell	Isle of Wight	Hampton
Culpeper	Falls Church	Charles City	Petersburg	James City	Newport News
Fairfax	Fredericksburg	Chesterfield	Richmond	Mathews	Norfolk
Fauquier	Manassas	Dinwiddie		Surry	Poquoson
Loudoun	Manassas Park	Goochland		York	Portsmouth
Prince William		Hanover			Suffolk
Rappahannock		Henrico		<i>Currituck, NC</i>	Virginia Beach
Spotsylvania		King William		<i>Gates, NC</i>	Williamsburg
Stafford		New Kent			
Warren		Powhatan			
		Prince George			
		Sussex			

Healthcare Workforce
Data Center

Perimeter Center
9960 Mayland Drive, Suite 300
Henrico, VA 23233-1463

Phone: (804) 597-4213
Fax: (804) 527-4434
E-mail: hwdc@dhp.virginia.gov
Website: www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter

HWDC Staff:

Elizabeth Carter, PhD <i>Executive Director</i>	Yetty Shobo, PhD <i>Deputy Director</i>
Rajana Siva, MBA <i>Data Analyst</i>	Christopher Coyle <i>Research Assistant</i>

Follow us on. . .

Tumblr: <http://vahwdc.tumblr.com/>

About the Data

Data in this report are from the U.S. Department of Labor Bureau of Labor Statistics' Current Employment Statistics program. The CES program surveys about 143,000 businesses and government agencies monthly. Unless otherwise noted, this series uses data that are not seasonally adjusted. Seasonal variations related to weather, holidays, weekends, seasons and other predictable variations are apparent in the data. Short-term changes may be related to seasonal changes rather than underlying trends. Data from recent months is preliminary and subject to revision in future releases from the CES. Revisions will be reported in future editions of this series. Unless otherwise noted, the CES data presented in this series:

Includes:

- ◆ Data on employed individuals drawing a paycheck (payroll employees).
- ◆ All employees, regardless of role, occupation or hours worked.
- ◆ HC&SA employees in the private sector only.
- ◆ Persons employed by health professionals in private practice.
- ◆ Both government and private sector workers in nonfarm employment data.

Does not include:

- ◆ Self-employed workers or volunteers, including health professionals in private practice.
- ◆ HC&SA employees in the public sector. (These are counted as government workers in monthly reports).
- ◆ Information on hours worked or the quality of employment.
- ◆ Government workers in HC&SA level data. (Government workers, regardless of occupation and role, are classified as public sector employees).

The Department of Health Professions Healthcare Workforce Data Center works to improve the data collection and measurement of Virginia's healthcare workforce through regular assessment of workforce supply and demand issues among the 80 professions and 350,000 practitioners licensed in Virginia by DHP.

The HWDC collects data on Virginia's licensed health professionals through surveys completed during the online license renewal and application process. Survey results and data may be accessed on our website: www.dhp.virginia.gov/PublicResources/HealthcareWorkforceDataCenter/.

The HWDC also provides a series of Virginia Healthcare Workforce Briefs based data collected by the U.S. Department of Labor's Bureau of Labor Statistics and the U.S. Department of Commerce' Bureau of Economic Analysis.

Virginia Healthcare Workforce Briefs:

Series 1: State & National Employment (Monthly)

Series 2: Virginia Regional Employment (Monthly)

Series 3: Income & Compensation (Quarterly)